

Date: Tuesday, 9/4/2007 11:29:31 AM
User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : TUBE
Job Number : 34394	
Estimate Number : 12165	
P.O. Number : <u>N/A</u>	Part Number : D34753
This Issue : 9/4/2007 S.O. No. : <u>N/A</u>	Drawing Number : D3475 REV B
Prsht Rev. : NC	Project Number : N/A
First Issue : <u>N/A</u> Type : SMALL /MED FAB	Drawing Revision : B
Previous Run : 28564	Material : <u>N/A</u>
Written By : <u>[Signature]</u>	Due Date : 10/4/2007 Qty: 6 Um: Each
Checked & Approved By : <u>[Signature]</u>	
Comment : Est Rev:A New Issue 06-02-03 JLM	
Est Rev:B As per Rev B 06-05-24 JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	M304S26GA	304/316 0.018 SHEET
-----	-----------	---------------------



Comment: Qty.: 0.1281 sf(s)/Unit Total : 0.7686 sf(s)
Pick:
304/316 0.018 SHEET
(M304S26GA)
Batch: M105490 IB 07-09-06

2.0	WATER JET	FLOW WATER JET
-----	-----------	----------------



Comment: FLOW WATER JET
Cut as per Dwg D3475
Dwg Rev: B IB 07-09-06
Prog Rev: B

(6)

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
-----	-----	--



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

IB 07-09-06

4.0	QC8	SECOND CHECK
-----	-----	--------------



Comment: SECOND CHECK

IB 07/09/06

counts
(6)

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
-----	-------------	-------------------------------



Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Roll as per Dwg D3475

2-Bead as per Dwg D3475

ml 07/09/17 x6

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: 12 Date: 07/09/19
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 9/4/2007 11:29:31 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: TUBE

Job Number: 34394

Part Number: D34753

Job Number:



Seq. #:

Machine Or Operation:

Description :

3-Spot Weld as per Dwg D3475

ml 07/09/17 (6)

6.0

QC11

VISUAL INSPECTION OF SPOT WELDING



Comment: VISUAL INSPECTION OF SPOT WELDING

SB 07/09/17 (6)

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

G-A

SB 07/09/17 6

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

SB 07/09/17 (6)

Job Completion



U 07/09/18

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

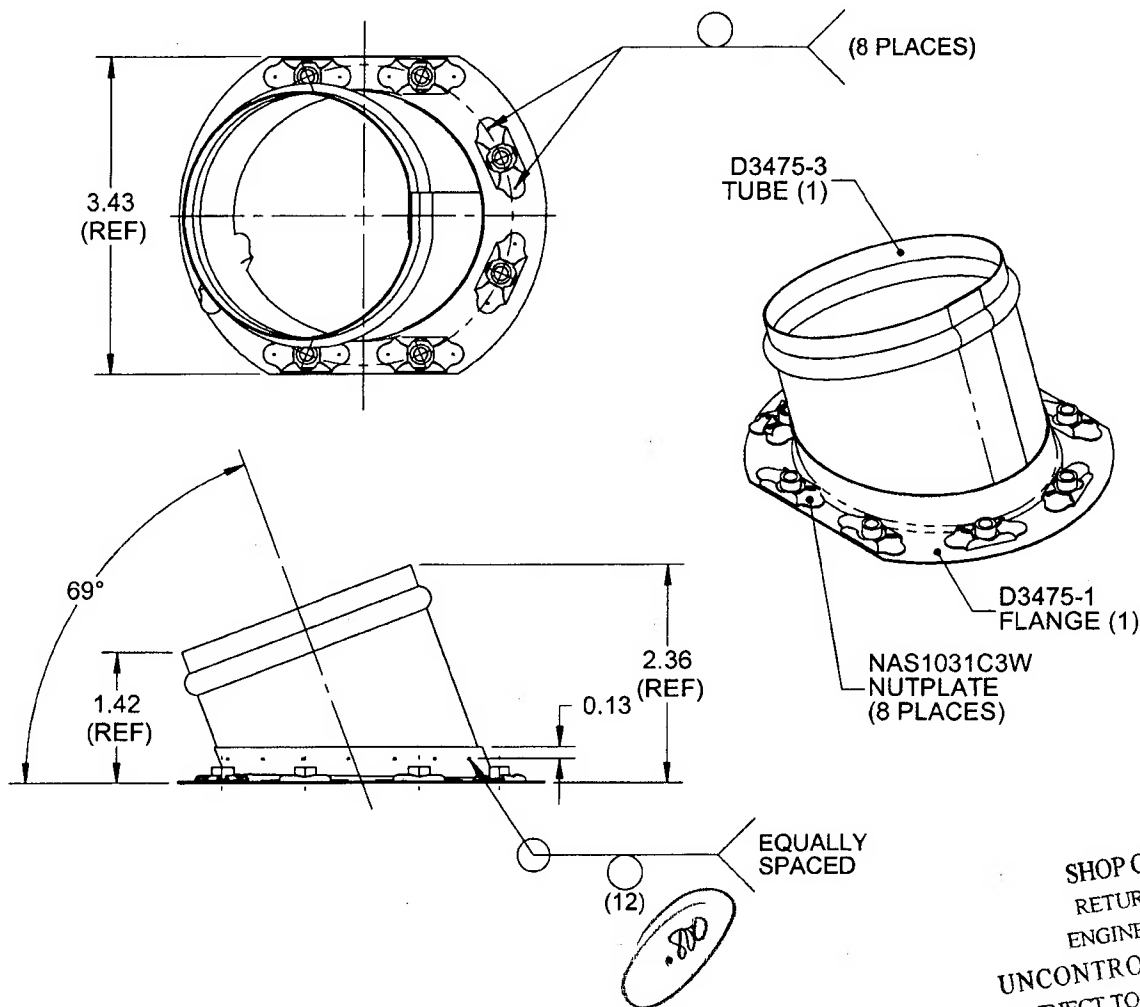
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN 13	DRAWN BY 13	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3475	REV. B SHEET 1 OF 7
DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:2
A	06.01.24	NEW ISSUE	
B	06.05.16	REDESIGN D3475-1F/-5/-7S/-7; ADD D3475-9	

RELEASED
06-05-16 H



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NO. 34394

D3475-041 DUMP OUTLET

NOTES:

- 1) SPOT WELD PER DART QSI 004
- 2) IDENTIFY WITH DART P/N D3475-041 USING FINE POINT PERMANENT INK MARKER
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

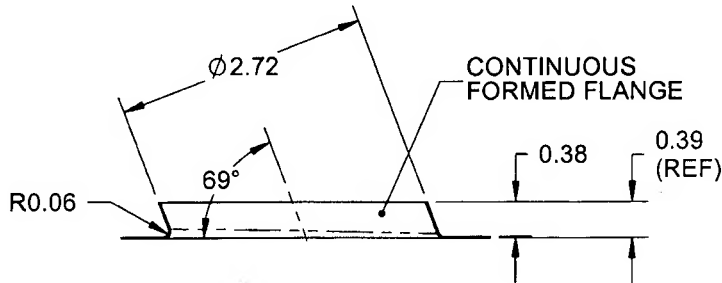
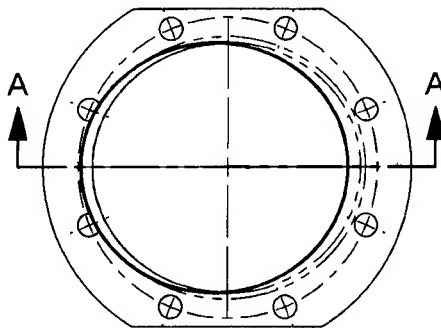
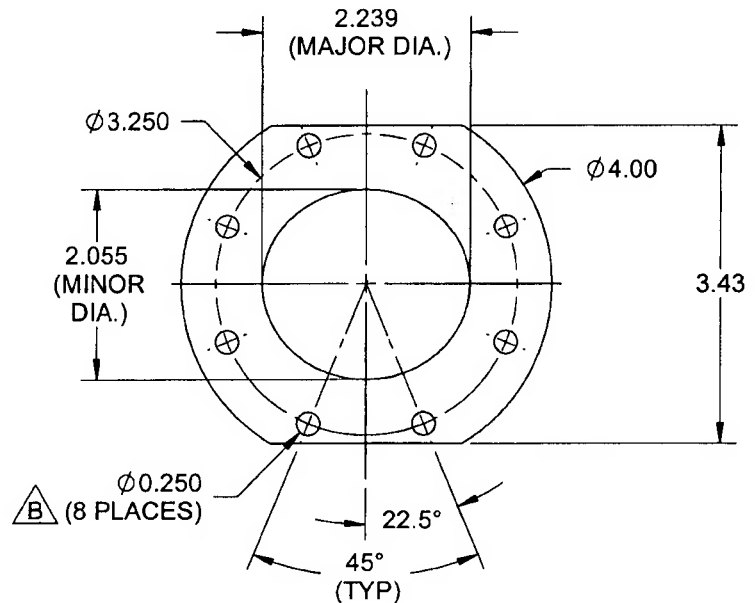
QTY -041	P/N	DESCRIPTION
X	D3475-041	DUMP OUTLET
1	D3475-1	FLANGE
1	D3475-3	TUBE
8	NAS1031C3W	NUTPLATE

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DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:2

RELEASED
06-05-16**SECTION A-A****D3475-1 OUTLET
ADAPTER PLATE****D3475-1F FLAT PATTERN****NOTES:**

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH
26 GAUGE SS (0.018 THICK)
(REF. DART SPEC. M304S26GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

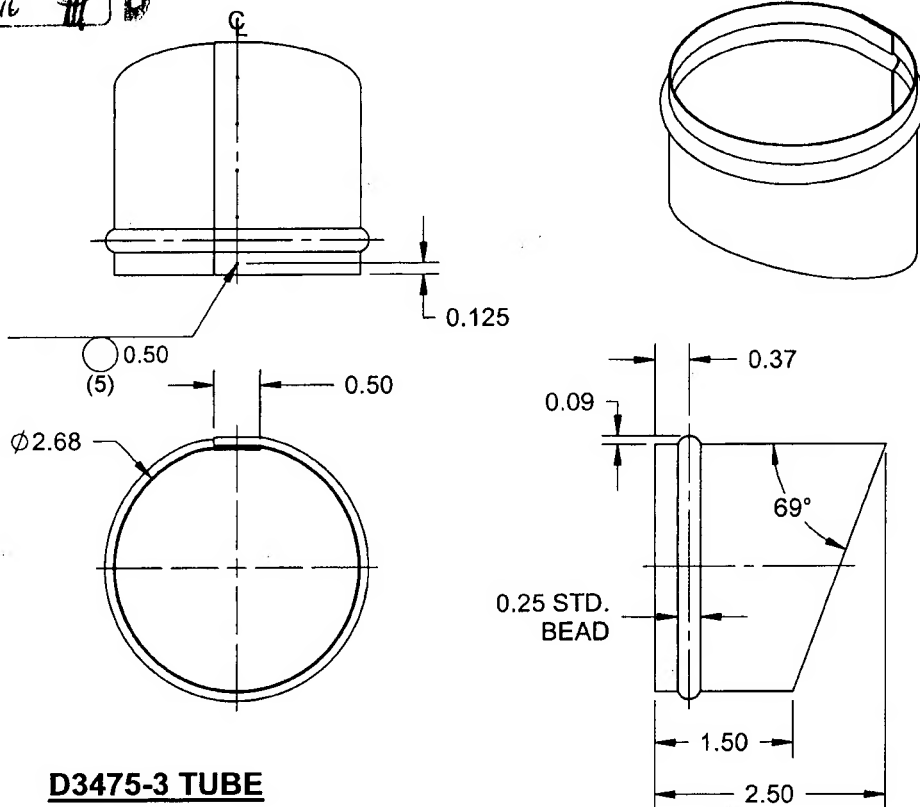
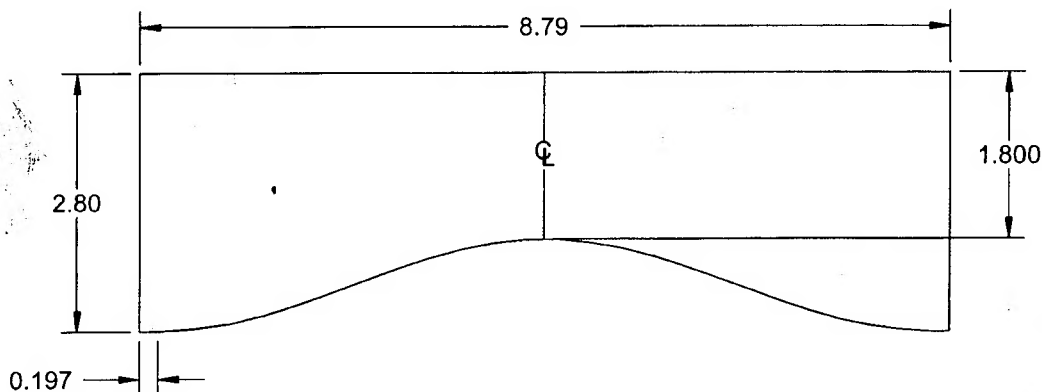
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DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:2

RELEASED
06.05.16**D3475-3 TUBE****D3475-3F TUBE FLAT PATTERN****NOTES:**

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH
26 GAUGE SS (0.018 THICK)
(REF. DART SPEC. M304S26GA)
- 2) FLAT PATTERN IS SYMMETRICAL ABOUT CENTERLINE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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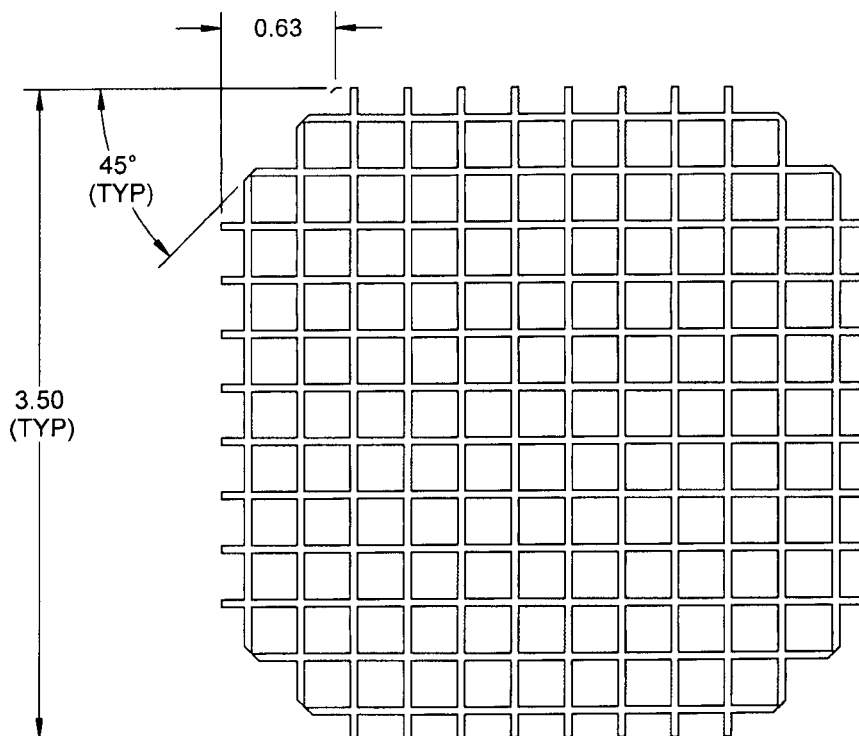
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DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:1

RELEASED
06.05.16



D3475-5 SCREEN

NOTES:

- 1) MATERIAL: #4 MESH SCREEN, 0.203" OPENING, ϕ 0.047" WIRE
(REF. DART SPEC. M304MS4.203-.047)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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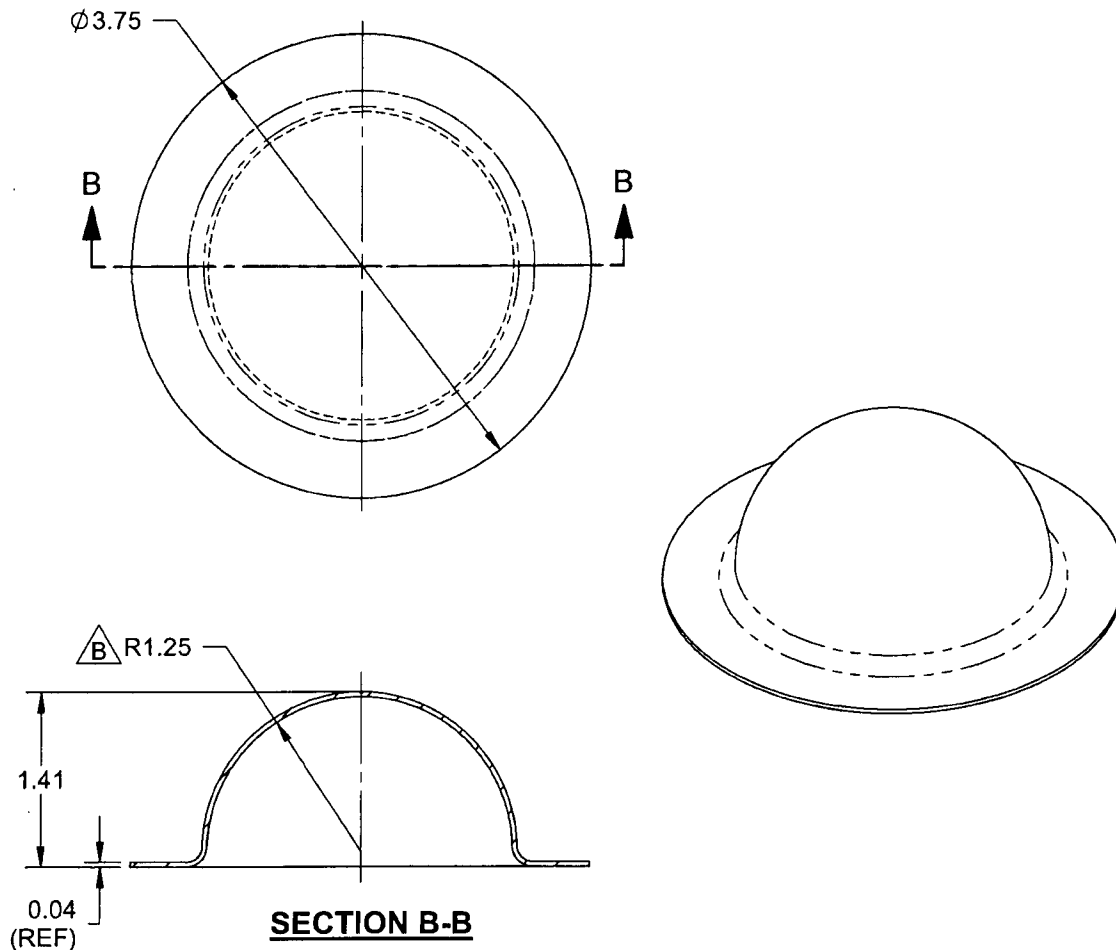
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CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3475	REV. B SHEET 5 OF 7
DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:1.5

RELEASED
06.05.16



D3475-7S SCOOP OUTLET, SPINNING DETAIL

NOTES:

- 1) MATERIAL: 2024-0 ALUMINUM SHEET, 0.040" THICK PER AMS-QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T0S.040)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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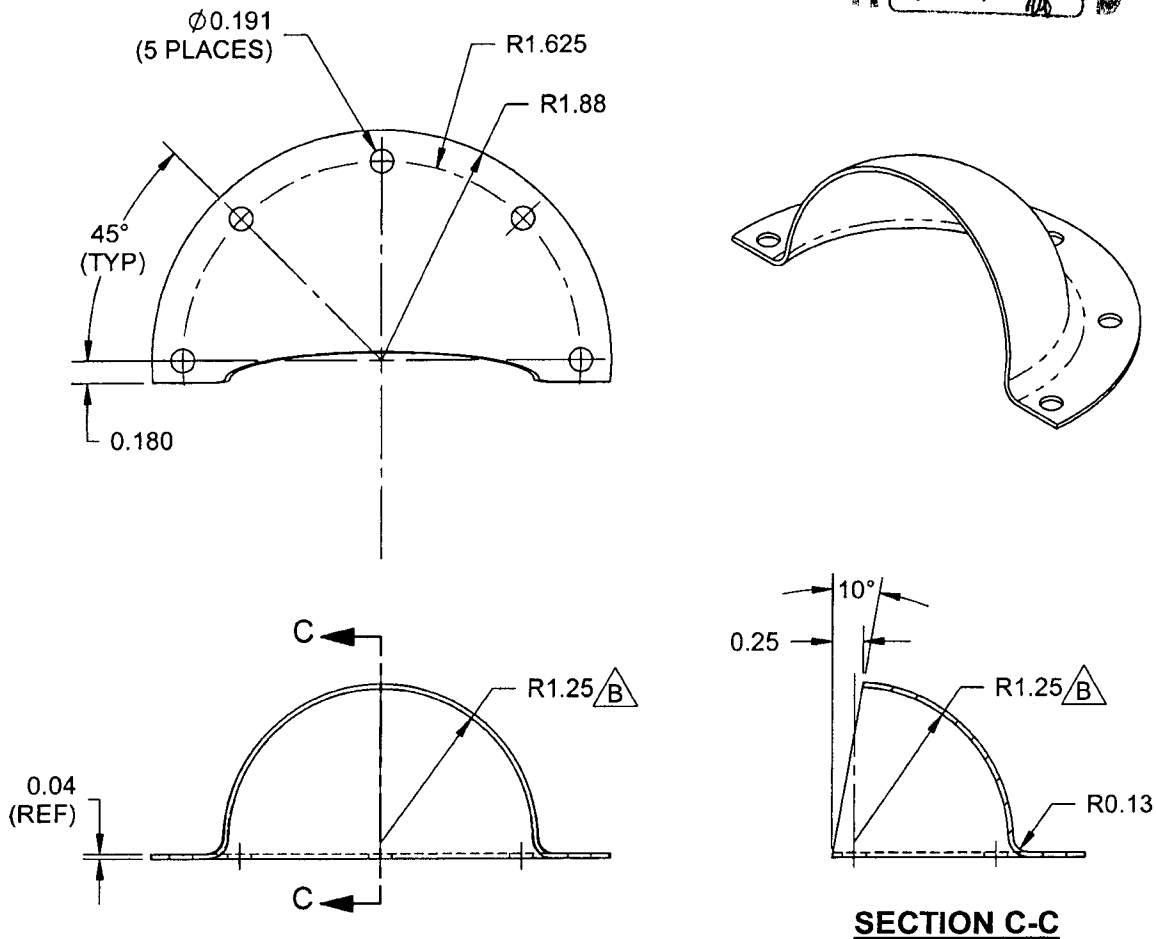
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CHECKED <i>H</i>	APPROVED <i>H</i>	DRAWING NO. D3475	REV. B SHEET 6 OF 7
DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:1.5

RELEASED
06.05.16



D3475-7 SCOOP OUTLET

NOTES:

- 1) MATERIAL: MAKE FROM D3475-7S
- 2) IDENTIFY WITH DART P/N D3475-7 USING FINE POINT PERMANENT INK MARKER
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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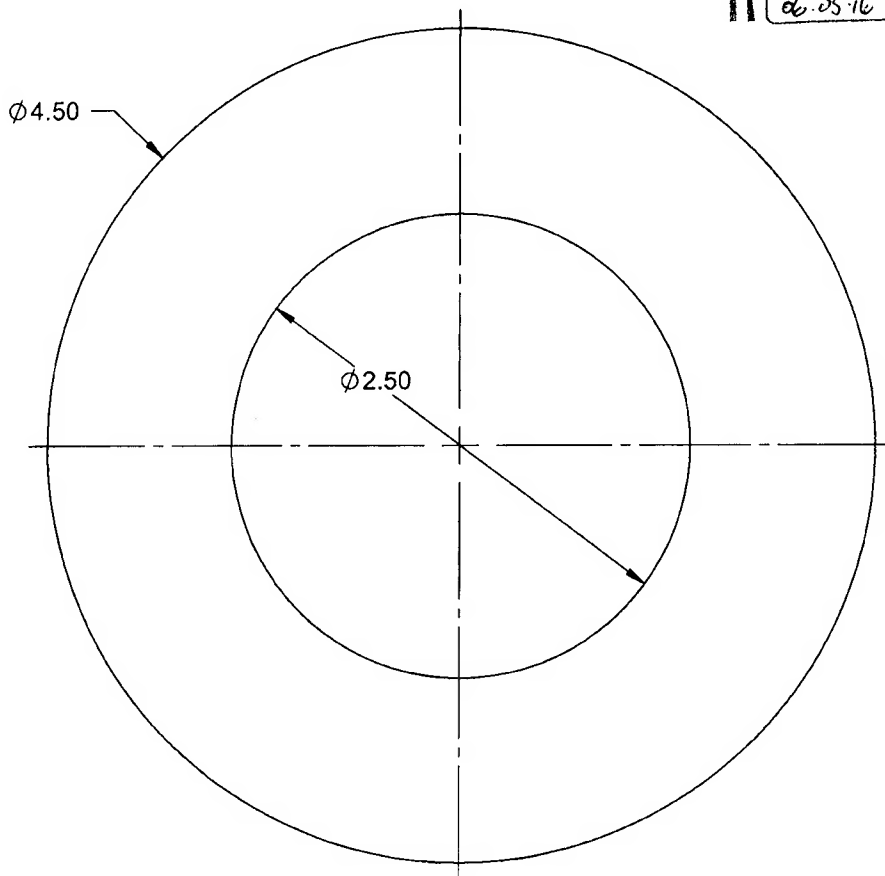
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DATE 06.05.16		TITLE DUMP OUTLET	SCALE 1:1

RELEASED
06.05.16



D3475-9 OUTLET GASKET

NOTES:

- 1) MATERIAL: RED (OR GRAY) 60 DUROMETER HI-TEMPERATURE SILICONE SHEET, 0.063 THICK (REF. DART SPEC. M-SIL60-S.063)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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SPOT WELD TEST RECORD
AMS-W-6858A
CLASS 'C'

TEST NO#: 14

EMPLOYEE: Monique Lepage

PART NUMBER: D3475-3

JOB NUMBER: B 34394

MATERIAL TYPE: 304L

MATERIAL THICKNESS: .018

GROUP SPECIFICATION

<input type="checkbox"/>	Group 1: Aluminum & magnesium
<input type="checkbox"/>	Group 2: Iron; nickel; cobalt
<input checked="" type="checkbox"/>	Group 3: Titanium

TEST RESULTS

	PASS	FAIL
VISUAL:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PENETRATION:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PULL STRENGTH:	<input type="checkbox"/>	<input type="checkbox"/>

PSI Reading: _____

Qualified in accordance with standard AMS-W-6858A and QSI 004 (ref: 4.3)

DATE OF TEST COUPON: 07/09/17
QUALIFIER: SB

